



Atty. Docket No. 030537-0218

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gabriel DANZIGER
Title: Petunia Plant Named 'Dancasbipas'
Appl. No.: 10/829,220
Filing Date: April 22, 2004
Examiner: Wendy C. HAAS
Art Unit: 1661

**SUBMISSION OF SUBSTITUTE SPECIFICATION
UNDER 37 CFR 1.125 and MPEP § 608.01(q)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby submits a Substitute Specification in the above-captioned application. Pursuant to 37 CFR 1.125 and MPEP § 608.01(q), Applicant certifies that the Substitute Specification contains no new matter.

Respectfully submitted,

Date January 3, 2005

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PETUNIA PLANT NAMED 'DANCASBIPAS'

Latin name of the genus and species of the claimed plant:

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Petunia sensu Wijsman (hybrida)

Variety denomination:

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Dancasbipas

BACKGROUND OF THE INVENTION

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The present invention relates to a new and distinct cultivar of *Petunia* plant, botanically known as *Petunia sensu Wijsman*, hereinafter referred to by the cultivar name 'Dancasbipas'.

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The new cultivar originated from cross made in a controlled breeding program in Moshav Mishmar Hashiva, Israel. The female parent is a proprietary cultivar designated CV-52 (unpatented). The male parent is a proprietary cultivar designated CV-144 (unpatented). 'Dancasbipas' was discovered and selected by the inventor, Gabriel Danziger, as a flowering plant within the progeny of the stated cross in a controlled environment in Moshav Mishmar Hashiva, Israel.

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Asexual reproduction of the new cultivar by cutting of side shoots, was first performed in February, 2003 in Moshav Mishmar Hashiva, Israel, and has demonstrated that the combination of characteristics as herein disclosed for the new cultivar are firmly fixed and retained through successive generations of asexual reproduction. The new cultivar reproduces true-to-type.

BRIEF SUMMARY OF THE INVENTION

The following traits have been repeatedly observed and are determined to be basic characteristics of 'Dancasbipas' which in combination distinguish this *Petunia* as a new and distinct cultivar:

1. Flower color: five white strips over pink background;
2. Very floriferous and very long blooming season;
3. Vigorous, cascading growth habit;
4. Good weather tolerance; and
5. Suitable for patios and outdoors bedding.

'Dancasbipas' has not been observed under all possible environmental conditions. The phenotype of the new cultivar may vary significantly with variations in environment such as temperature, light intensity, and day length without any change in the genotype of the plant. The following observations, measurements and values describe the new cultivar as grown in Moshav Mishmar Hashiva, Israel under conditions, which closely approximate those generally used in commercial practice.

Plants of 'Dancasbipas' differ from plants of the parental cultivars, 'CV-52' and 'CV-144' in the following characteristics:

Table 1

Character	'Dancasbipas'	Female parent – 'CV-52'	Male parent – 'CV-144'
Flowering time:	Early, Spring	Late Summer	Mid Summer
Leaf size:	Medium	Medium	Small
Growth habit:	Vigorous, well branched, semi bush	Vigorous, well branched	Medium Vigor and not well branched

Of the many commercial cultivars known to the present inventor, the most similar in comparison to 'Dancasbipas' is the cultivar 'Cascadias Bicolor Lavender' (unpatented).

Table 2

Characteristic	'Dancasbipas'	Cascadias Bicolor Lavender
Flowering time	Early; spring, 8 weeks from planting	Medium; summer, 10 weeks from planting
Leaf size	Medium, length: 7.5 cm width: 2.5-3 cm	Large, length: 12.5 cm width: 5 cm
Growth habit	Vigorous, well branched, semi bush, height – 25 cm	Medium, cascading, height - 15-20 cm

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BRIEF DESCRIPTION OF THE DRAWING

The accompanying photographic drawings illustrate the overall appearance of the new *Petunia* showing the colors as true as is reasonably possible with colored reproductions of this type. In the photographs, 'Dancasbipas' is labeled by the
10 designation 6031. The first photograph shows a top view of a flowering 'Dancasbipas' plant. The second photograph shows a side view of a flowering plant of 'Dancasbipas' at 3 months.

DETAILED BOTANICAL DESCRIPTION

The following observations, measurements and values describe the new
15 cultivar as grown in Moshav Mishmar Hashiva, Israel under conditions which closely approximate those generally used in commercial practice. 'Dancasbipas' is for use as a pot plant and a bedding plant. Grown outdoors in moderate climate, indoors during winter. Irrigation and fertilization are needed on a regular basis. For optimal growth, grow in full sunlight 'Dancasbipas' plants are fully grown in 3 months.

'Dancasbipas' blooms year-round in moderate climate. Color references are made to the Royal Horticultural Society Colour Chart (RHS) 2001 edition, except where general colors of ordinary significance are used. Color values were taken under daylight conditions at approximately noon in Moshav Mishmar Hashiva, Israel. The age of the plant described is 3 months.

PLANT:

General Appearance and Form:

- Height: 25 cm.
- Spread: 30 inches
- 10 Growth habit: Bush cascading
- Growth rate: Fully grown in 3 months
- Branching habit and description: Freely
- Flowering Response: Long day facultative
- Flowering Season: Year round in moderate climate
- 15 Winter Hardiness/weather tolerance: Frost tender, plants may be damaged in temperatures below 5° C
- Lastingness of the Individual Bloom: 2-4 days
- Rooting Habit: From cutting base
- Time to initiate roots: 1 week
- 20 Time to produce a rooted cutting: 2-3 weeks
- Fragrance: None

STEM DESCRIPTION:

- Length: 15-20 inches
- Diameter: 5-6 mm

Internode: 1-1.5 inches in length, color yellow-green RHS 144 A

Strength: Medium

Branching: Freely

Pubescence: Present

5 FOLIAGE:

Overall Shape of Leaf: Elliptic

Arrangement: Alternate

Apex: Obtuse

Base: Acute

10 Length: 7.5 cm.

Width: 1-1.25 inches

Margin: Entire

Texture: Lustrous

Color of Upper Surface:

15 Mature leaf: Yellow-Green RHS 147 A

Immature leaf: Yellow-Green RHS 146 A

Color of Lower Surface:

Mature leaf: Yellow-Green RHS 146 A

Immature leaf: Yellow-Green RHS 146 A

20 Venation Color:

Upper surface: Yellow-Green RHS 144C

Lower surface: Yellow-Green RHS 144C

Petiole:

Length: 1 inch

Diameter: 4 mm

Color: Yellow-Green RHS 144C

INFLORESCENCE:

Flower longevity: 2-4 days

5 Flower size: Depth: 2-2.5 cm. Diameter: 4-5 cm.

Flower shape: Trumpet

Average number of flowers per lateral branch: 6-8

Floral tube: Diameter: 0.7-1.0 cm.

Petals:

10 Number: 5

Shape: Corolla united with 5 lobes and a long straight tube

Size: 2 inches in width; 4-5 cm in length from edge of petal to the base of
the floral tube

Apex: Truncate

15 Margin: Entire

Texture: Glabrous

Color:

Upper surface: Red-Purple RHS 74A; and white RHS 155A

Lower surface: Red-Purple RHS 72C; and white RHS 155A

20 Sepals:

Number: 5

Shape: Elliptic

Length: 25 mm

Width: 8 mm

Apex: Truncate

Margin: Entire

Texture: Lustrous

Color:

5 Upper surface: Green RHS 137 A

Lower surface: Green RHS 137 B

Bud:

Rate of opening: 7-10 days

Color: Red-Purple RHS 72C ; Green RHS 142 B

10 Shape: Flanged, composed of 5 petals ruled one around the other creating
a cylindrical 5 winged shape

Length: 3.5-4 cm

Width: 0.5 cm

15 Diameter: 10 mm

Peduncle: 40 mm in length; green in color RHS 137 B

REPRODUCTIVE ORGANS:

Stamen: 5 in number, white RHS 155 A

Anthers: White RHS 155 A

20 Filament: Yellow-Green RHS 145 B

Stigma: Yellow-Green RHS 146 C

Ovary: Yellow-Green RHS 146 C

Pollen: White RHS 155 A

Seed:

Number: 40-50
Width: 1 mm
Length: 1 mm
5 Shape: Ovoid
Color: Brown RHS 200 C

Fruit:

Number: Few, when naturally pollinated
Width: 4 mm
10 Length: 8 mm
Shape: Ellipsoid
Color: Gray-brown RHS 199 A

DISEASE/PEST RESISTANCE/SUSCEPTIBILITY: Unknown

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